AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): ~~Ferritic~~ Ferromagnetic stainless steel parts ~~which can be used for ferromagnetic parts, wherein the~~ made of a steel ~~comprises, in its~~ having the following composition by weight:

$0\% < C \leq 0.030\%$

$1\% \leq Si \leq 3\%$

$0\% < Mn \leq 0.5\%$

$10\% \leq Cr \leq 13\%$

$0\% < Ni \leq 0.5\%$

$0\% < Mo \leq 3\%$

$N \leq 0.030\%$

$Cu \leq 0.5\%$

$Ti \leq 0.5\%$

$Nb \leq 1\%$

~~$Ca \geq 1\ 10^{-4}\%$~~

~~$0 \geq 10\ 10^{-4}\%$~~

$Ca \geq 1 \times 10^{-4}\%$

$0 \geq 10 \times 10^{-4}\%$

$S \leq 0.030\%$

$P \leq 0.030\%$

the remainder being iron and the impurities which are inevitable from the production of the steel.

2. (currently amended): ~~Steel~~ The parts according to Claim 1, wherein the composition by weight also includes calcium and oxygen so that:

~~$Ca > 30\ 10^{-4}\%$~~

~~$O > 70\ 10^{-4}\%$~~

$Ca > 30 \times 10^{-4}\%$

$O > 70 \times 10^{-4}\%$

3. (currently amended): ~~Steel~~ The parts according to Claim 1, wherein the ratio between the calcium and oxygen content Ca/O is:

$0.2 \leq Ca/O \leq 0.6$

4. (currently amended): ~~Steel~~ The parts according to Claim 1, wherein ~~it~~ the steel includes silico-aluminate of lime inclusions taken from the group consisting of the anorthite, pseudo-wollastonite and gehlenite type.

5. (currently amended): ~~Steel~~ The parts according to Claim 1, wherein ~~it~~ the steel comprises, in its composition by weight:

~~$C \leq 0.012\%$~~

$C \leq 0.015\%$

$1\% \leq Si \leq 3\%$

$0 \leq Mn \leq 0.4\%$

$10\% \leq Cr \leq 13\%$

$0\% < Ni \leq 0.2\%$

$0.2\% \leq Mo \leq 2\%$

$N \leq 0.015\%$

$Cu \leq 0.2\%$

$Ti \leq 0.2\%$

Nb ≤ 1%

~~Ca ≥ 30 10^{-4}%~~

Ca ≥ 30 x 10^{-4}%

~~O ≥ 70 10^{-4}%~~

O ≥ 70 x 10^{-4}%

S ≤ 0.003%

P ≤ 0.030%

the remainder being iron and the impurities which are inevitable from the production.

6. (currently amended): ~~Steel~~ The parts according to Claim 1, wherein ~~it~~ the steel comprises, in its composition by weight:

~~0% < C ≤ 0.012%~~

0% < C ≤ 0.015%

1% ≤ Si ≤ 3%

0 ≤ Mn ≤ 0.4%

10% ≤ Cr ≤ 13%

0% < Ni ≤ 0.2%

0.2% ≤ Mo ≤ 2%

N ≤ 0.015%

Cu ≤ 0.2%

Ti ≤ 0.2%

Nb ≤ 1%

~~Ca ≥ 30 10^{-4}%~~

~~O ≥ 70 10^{-4}%~~

Ca ≥ 30 x 10^{-4}%

O ≥ 70 x 10^{-4}%

$0.015 \leq S \leq 0.03\%$

$P \leq 0.030\%$

the remainder being iron and the impurities which are inevitable from the production of the steel.

7. (currently amended): A method of producing a ferritic stainless steel ~~ferritic stainless steel~~ which can be used for ferromagnetic parts, wherein the steel comprises, in its composition by weight:

$0\% < C \leq 0.030\%$

$1\% \leq Si \leq 3\%$

$0\% < Mn \leq 0.5\%$

$10\% \leq Cr \leq 13\%$

$0\% < Ni \leq 0.5\%$

$0\% < Mo \leq 3\%$

$N \leq 0.030\%$

$Cu \leq 0.5\%$

$Ti \leq 0.5\%$

$Nb \leq 1\%$

~~$Ca \geq 1\ 10^{-4}\%$~~

~~$0 \geq 10\ 10^{-4}\%$~~

$\underline{Ca \geq 1 \times 10^{-4}\%}$

$\underline{0 \geq 10 \times 10^{-4}\%}$

$S \leq 0.030\%$

$P \leq 0.030\%$

the remainder being iron and the impurities which are inevitable from the production of the steel; the method comprising subjecting the steel, after hot rolling and cooling, to an annealing heat

treatment and then to a modification of cross-section by the method taken from the group of drawing and stretch forming.

8. (currently amended): ~~A~~ The method according to Claim 7, wherein the steel is subsequently subjected to an additional recrystallisation annealing in order to perfect the mechanical properties of the ~~part~~parts.